

Pascal Muang Khot

Software Engineer

San Francisco, CA | pmk@khot.us

<https://mkpascal.net> | <https://github.com/mkpascal> | <https://www.linkedin.com/in/mkpascal/>

SKILLS

Languages Ruby | Javascript | PHP | HTML | CSS | Sass | Dart | Shell scripting

Frameworks Rails | Sinatra | Node.js | Bootstrap | Next.js | React | Electron | Flutter

Libraries Sidekiq | Devise | Sendgrid | Postmark | ActiveAdmin | llama.cpp | Dart

DevOps Docker | GCP | Cloudflare | Fastly | Heroku | AWS | OVH | Digitalocean | New Relic

Integrations GitHub Actions | Jenkins | RSpec | Capybara | Rubocop | Selenium

Databases PostgreSQL | Redis | MongoDB | MySQL | SQLite | Solr | Memcached

Methodologies Pair programming | Code reviews | Facilitating processes | Directing engineers

Miscellaneous Agile | Scrum | Gitflow | Extreme programming | Test-driven development | Gitflow

WORK EXPERIENCE

Software Engineer - Back-End Developer

2022 - 2023

Fandom | San Francisco, USA

- Managed a high-volume custom CMS for Metacritic & TV Guide sites, serving millions of users.
- Engineered a robust transcoding framework, alongside content and commerce features.
- Played a key role in refining front-end usability through API development contributions.

Software Engineer - Full-Stack Developer

2020 - 2022

Red Ventures | San Francisco, USA

- Maintained a high-traffic CMS in-house platform, supporting millions of users for CNET & ZDNET.
- Undertook responsibilities involving front door, articles, and ads features for both brands.
- Revamped the CMS UI/UX offering innovative functionalities and robust commerce integration.
- Demonstrated exceptional proficiency in debugging, data operations, and system integration.
- Architected seamless API solutions to bridge the gap between front-end and back-end systems.

Software Engineer - Back-End Developer

2016 - 2020

Paramount | San Francisco, USA

- Led development of the full back-end platform with Rails as a site engineer for Chowhound.
- Orchestrated a large-scale migration to GCP, ensuring seamless scalability and reliability.
- Engineered a robust user account system and streamlined mail and queue management.
- Expanding reach and accessibility through Wordpress and Apple News partnerships.
- Pioneered the implementation of a place system through strategic third-party collaborations.
- Revolutionized our legacy stack by dockerizing it and fine-tuning for maximum scalability.
- Elevated server performance by meticulously fine-tuning Apache and Redis for maximum efficiency.
- Implemented a sophisticated branching strategy, fostering a streamlined development process.

Software Engineer - Full-Stack Developer

2013 - 2015

Trulify | San Francisco, USA

- Developed and built Trulify and FairLoan apps using Rails, delivering scalable and robust solutions.
- Engineered API connections with payroll service bureaus, enabling automated data exchange.
- Implemented a payment infrastructure, efficient subscription management, and billing.
- Enhanced user engagement by integrating Twilio's SMS system, ensuring seamless communication.
- Migrated the frontend framework to Bootstrap, improving the user experience and responsiveness.
- Designed and implemented secure data exchange protocols, safeguarding sensitive PII.

EDUCATION

Bachelor of Science with Honours (B.Sc. Hons.) *Computer Science*

2008 - 2013

SUPINFO University | Paris, France

Software Engineer - Full-Stack Developer *Internship*

2011-2012

iTLiGENT | Paris, France

Software Engineer - Front-End Developer *Internship*

Summer 2010

Milky Interactive | Paris, France

Software Engineer - Front-End Developer *Internship*

Summer 2009

Vigilio | Paris, France

LANGUAGES

English

Bilingual Proficiency

French

Native Language